



United States
Department of
Agriculture

Agricultural
Research
Service
Midwest Area

National Center
for Agricultural
Utilization Research

1815 North University Street
Peoria, Illinois 61604
Telephone: 309-681-6560
Fax: 309-681-6672

ARS CULTURE COLLECTION (NRRL) WEBSITE
<http://nrrl.ncaur.usda.gov>

June 26, 2000

Dr. Craig Shoemaker
USDA, ARS, MSA
Aquatic Animal Health Research
P. O. Box 0952
Auburn, AL 36831-0952

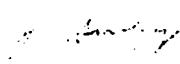
Dear Dr. Shoemaker:

Enclosed are the International Receipt Forms BP/4 and the Viability Statements for deposits made in connection with the Budapest Treaty. The \$1,000.00 deposit fee has been waived. Four agar slant cultures representing two strains arrived in good condition on June 20, 2000, and have now been proven viable. The subject strains are:

| Name | Strain Designation | NRRL Number |
|---------------------------------|--------------------|-------------|
| <i>Flavobacterium columnare</i> | ARS-RFC-7 | B-30303 |
| <i>Flavobacterium columnare</i> | ARS-RFC-B | B-30304 |

I will send under separate cover our lyophilized preparations for these strains. As soon as you confirm the equivalency of these preparations to your original deposits, complete, sign, and return the original Viability Statements to me.

Sincerely,


J. L. Swezey, Curator
ARS Patent Culture Collection
Microbial Properties Research
Tel: (309) 681-6666
Fax: (309) 681-6672
Email: swezeyj@midwest.ars.usda.gov

Enclosures:
Budapest Treaty Receipt Forms
Budapest Treaty Viability Statements

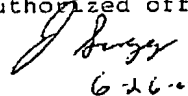
BUDAPEST TREATY ON THE INTERNATIONAL
RECOGNITION OF THE DEPOSIT OF MICROORGANISMS
FOR THE PURPOSE OF PATENT PROCEDURES

INTERNATIONAL FORM

TO
USDA, ARS, MSA
Aquatic Animal Health Research
P. O. Box 0952
Auburn, AL 36831-0952

RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT
issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page

NAME AND ADDRESS
OF DEPOSITOR

| | |
|--|--|
| I. IDENTIFICATION OF THE MICROORGANISM | |
| Identification reference given by the DEPOSITOR: <i>Flavobacterium columnare</i> ARS-RFC-7 | Accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: NRRL B-30303 |
| II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION | |
| The microorganism identified under I. above was accompanied by: <input type="checkbox"/> a scientific description <input checked="" type="checkbox"/> a proposed taxonomic designation (Mark with a cross where applicable) | |
| III. RECEIPT AND ACCEPTANCE | |
| This International Depositary Authority accepts the microorganism identified under I. above, which was received by it on June 20, 2000 (date of the original deposit) ¹ | |
| IV. RECEIPT OF REQUEST FOR CONVERSION | |
| The microorganism identified under I. above was received by this International Depositary Authority on _____ (date of the original deposit) and a request to convert the original deposit to a deposit under the Budapest Treaty was received by it on _____ (date of receipt of request for conversion). | |
| V. INTERNATIONAL DEPOSITARY AUTHORITY | |
| Name: Agricultural Research Culture Collection (NRRL) International Depositary Authority Address: 1815 N. University Street Peoria, Illinois 61604 U.S.A. | Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official(s):  Date: 6-26-00 |

¹ Where Rule 6.4(d) applies, such date is the date on which the status of international
depositary authority was acquired.

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT
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INTERNATIONAL FORM

TO

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P. O. Box 0952
Auburn, AL 36831-0952

VIABILITY STATEMENT

issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this pageNAME AND ADDRESS OF THE PARTY TO WHOM
THE VIABILITY STATEMENT IS ISSUED

| | | |
|--|---|--|
| I. DEPOSITOR Name: USDA, ARS, MSA Aquatic Animal Health Research Address: P. O. Box 0952 Auburn, AL 36831-0952 | II. IDENTIFICATION OF THE MICROORGANISM Depositor's taxonomic designation and accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: <i>Flavobacterium columnare</i> NRRL B-30304 Date of: June 20, 2000 <input checked="" type="checkbox"/> : Original Deposit <input type="checkbox"/> : New Deposit <input type="checkbox"/> : Repropagation of Original Deposit | |
| III. (a) VIABILITY STATEMENT Deposit was found: <input checked="" type="checkbox"/> Viable <input type="checkbox"/> Nonviable on June 21, 2000 (Date) International Depositary Authority's preparation was found viable on June 26, 2000 (Date) ² | | |
| III. (b) DEPOSITOR'S EQUIVALENCY DECLARATION Depositor determined the International Depositary Authority's preparation was <input checked="" type="checkbox"/> Equivalent <input type="checkbox"/> Not equivalent to deposit on _____ (Date) Signature of Depositor <u>Craig A. Shoemaker</u> <u>7/27/2000</u> | | |
| IV. CONDITIONS UNDER WHICH THE VIABILITY TEST WAS PERFORMED (Depositor/Depository)¹ <u>Cell pellet placed into 100 µl modified Cytophaga broth and 50 µl of</u> <u>this suspension plated on modified Cytophaga agar for 48h at 25°C</u> | | |
| V. INTERNATIONAL DEPOSITARY AUTHORITY Name: Agricultural Research Culture Collection (NRRL) International Depositary Authority Address: 1815 N. University Street Peoria, Illinois 61604 U.S.A. | | Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official(s): <u>[Signature]</u> Date: <u>6-26-00</u> |

¹ In the case of a deposit made by a depositor who is not a member of the International Depositary Authority, the depositor must provide a written statement of the conditions under which the viability test was performed.
² In the case of a deposit made by a depositor who is not a member of the International Depositary Authority, the depositor must provide a written statement of the conditions under which the viability test was performed.
³ Fill in the date of the deposit.

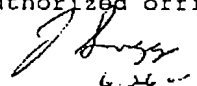
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RECEIPT IN THE CASE OF AN ORIGINAL DEPOSIT
issued pursuant to Rule 7.1 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page

NAME AND ADDRESS
OF DEPOSITOR

| | |
|--|---|
| I. IDENTIFICATION OF THE MICROORGANISM | |
| Identification reference given by the DEPOSITOR: <i>Flavobacterium columnare</i> ARS-RFC-B | Accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: NRRL B-30304 |
| II. SCIENTIFIC DESCRIPTION AND/OR PROPOSED TAXONOMIC DESIGNATION | |
| The microorganism identified under I. above was accompanied by: <input type="checkbox"/> a scientific description <input checked="" type="checkbox"/> a proposed taxonomic designation (Mark with a cross where applicable) | |
| III. RECEIPT AND ACCEPTANCE | |
| This International Depositary Authority accepts the microorganism identified under I. above, which was received by it on June 20, 2000 (date of the original deposit) ¹ | |
| IV. RECEIPT OF REQUEST FOR CONVERSION | |
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| V. INTERNATIONAL DEPOSITARY AUTHORITY | |
| Name: Agricultural Research Culture Collection (NRRL) International Depositary Authority Address: 1815 N. University Street Peoria, Illinois 61604 U.S.A. | Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official(s):  Date: 6.26.00 |

¹ Where Rule 6.4(a) applies, such date is the date on which the status of international
depositary authority was acquired.

BUDAPEST TREATY ON THE INTERNATIONAL RECOGNITION OF THE DEPOSIT
OF MICROORGANISMS FOR THE PURPOSE OF PATENT PROCEDURES

INTERNATIONAL FORM

TO

USDA, ARS, MSA
Aquatic Animal Health Research
P. O. Box 0952
Auburn, AL 36831-0952

VIABILITY STATEMENT

issued pursuant to Rule 10.2 by the
INTERNATIONAL DEPOSITARY AUTHORITY
identified at the bottom of this page

NAME AND ADDRESS OF THE PARTY TO WHOM
THE VIABILITY STATEMENT IS ISSUED

| | |
|---|---|
| I. DEPOSITOR | II. IDENTIFICATION OF THE MICROORGANISM |
| Name: USDA, ARS, MSA Aquatic Animal Health Research Address: P. O. Box 0952 Auburn, AL 36831-0952 | Depositor's taxonomic designation and accession number given by the INTERNATIONAL DEPOSITARY AUTHORITY: <i>Flavobacterium columnare</i> NRRL B-30303 Date of: June 20, 2000 <input checked="" type="checkbox"/> Original Deposit <input type="checkbox"/> New Deposit <input type="checkbox"/> Repropagation of Original Deposit |
| III. (a) VIABILITY STATEMENT | |
| Deposit was found: <input checked="" type="checkbox"/> Viable <input type="checkbox"/> Nonviable on June 21, 2000 (Date) International Depositary Authority's preparation was found viable on June 26, 2000 (Date) ³ | |
| III. (b) DEPOSITOR'S EQUIVALENCY DECLARATION | |
| Depositor determined the International Depositary Authority's preparation was <input checked="" type="checkbox"/> Equivalent <input type="checkbox"/> Not equivalent to deposit on _____ (Date) Signature of Depositor <u>Carol A. Swemmer</u> <u>7/27/2000</u> | |
| IV. CONDITIONS UNDER WHICH THE VIABILITY TEST WAS PERFORMED (Depositor/Depositary)⁴ | |
| Cell pellet placed into 100 µl modified Cytophaga broth and 50 µl of this suspension plated on modified Cytophaga agar for 48h at 25°C | |
| V. INTERNATIONAL DEPOSITARY AUTHORITY | |
| Name: Agricultural Research Culture Collection (NRRL) International Depositary Authority Address: 1815 N. University Street Peoria, Illinois 61604 U.S.A. | Signature(s) of person(s) having the power to represent the International Depositary Authority or of authorized official(s): <u>[Signature]</u> Date: <u>6.26.00</u> |

¹ Indicate the year of the deposit if the deposit had been made.

² Mark with a check the applicable box.

³ In the cases referred to in Rule 10.2(a), (b) and (c), refer to the most recent viability test.

⁴ Fill in if the International Form has been deposited.